

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/003175

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B25D17/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B25D B23D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	FR 2 234 967 A (UPAT MAX LANGENSIEPEN KG) 24 January 1975 (1975-01-24) page 6, line 13 - page 9, line 3 page 12, line 32 - line 39 figures 1-7	1-5,7,8
X	US 688 860 A (KAY JAMES & WEARNE CHARLES T) 17 December 1901 (1901-12-17) page 1, line 97 - page 2, line 34 figures	1-7
X	GB 01236 A A.D. 1911 (NEWTON) 21 June 1911 (1911-06-21) the whole document	1-5,7
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☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *8* document member of the same patent family

Date of the actual completion of the international search

2 June 2005

Date of mailing of the international search report

13/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 2 224 063 A (ROBERTS SAMUEL S) 3 December 1940 (1940-12-03) page 1, left-hand column, line 33 - line 39 page 1, right-hand column, line 42 - page 2, right-hand column, line 6 figures -----	1-3,5,7,8
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A	US 4 402 519 A (MEADEN ET AL) 6 September 1983 (1983-09-06) column 3, line 45 - line 55 figures 2,3,5-7 -----	6
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Information on patent family members

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